

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	139	("4255523" "4311567" "4433082" "4528083" "4698243" "5041195" "5133842" "5183713" "5190813" "5350643" "5547551" "5599614" "5635041").PN. or ("2393967" "2559752" "2593583" "2681319" "2827426" "2951818" "2965697" "20030113604" "3041317" "3214501" "3640829" "3679540" "3870593" "3953566" "3962153" "0037307" "0037656" "0037701" "4012303" "4065534" "4096222" "4096227" "4100238" "4110390" "4178218" "4186076" "4187390" "4197148" "4207163" "4207164" "4210510" "4224121" "4262041" "4267364" "4313832" "4429000" "4437951" "4469744" "4518650" "4539256" "4544458" "4568441" "4629563" "4664801" "4720400" "4726989" "4774039" "4804592" "4849311" "4863604" "4865930" "4931168" "4985296" "4990228" "4997567" "5066403" "5075006" "5082475" "5124018" "5154827" "5183713" "5186877" "5209850" "5234777" "5256503" "5275725" "5288384" "5322602" "5336384" "5356663" "5415888" "5422411" "5425865" "5447636" "5468574" "5472799" "5521023" "5523181" "5545475" "5547911" "5597659" "5766787" "5795668" "6254978").PN. or ("3497394" "4107005" "4515906" "4724157" "4731263" "4781767" "4835007" "4875908" "4895775" "5087767" "5094895" "5188890" "5228994" "5266421" "5336573" "5338412" "5438082" "5453333" "5531899" "5599638" "5602669" "5672438" "5874182" "5882723" "6130175" "6242135" "6635384").PN. or ("5147722").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/25 11:14
L2	35	L1 and surfactant	US-PGPUB; USPAT	OR	ON	2007/10/25 14:20
L3	0	1 and (boil with swelling)	US-PGPUB; USPAT	OR	ON	2007/10/25 14:20
L4	9	1 and (agent with swelling)	US-PGPUB; USPAT	OR	ON	2007/10/25 14:21
L5	2	1 and (boil)	US-PGPUB; USPAT	OR	ON	2007/10/25 14:21

EAST Search History

L6	42	1 and (boil\$3)	US-PGPUB; USPAT	OR	ON	2007/10/25 14:27
L7	1	("3684747").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/25 14:25
L8	7	1 and (boil\$3 with swell)	US-PGPUB; USPAT	OR	ON	2007/10/25 14:31
L9	45326	"ion exchange resin"	US-PGPUB; USPAT	OR	ON	2007/10/25 14:31
L10	178390	impregnat\$3	US-PGPUB; USPAT	OR	ON	2007/10/25 14:31
L11	123147	swell\$3	US-PGPUB; USPAT	OR	ON	2007/10/25 14:32
L12	3820	"transport rate"	US-PGPUB; USPAT	OR	ON	2007/10/25 14:32
L13	14	9 with 10 and 11 same 12	US-PGPUB; USPAT	OR	ON	2007/10/25 14:32

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S2	3	((("4902308") or ("4453991") or ("4954388")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 16:52
S3	11	((("4902308") or ("4453991") or ("4954388") or ("3692569") or ("5082472") or ("5094895") or ("5183545") or ("4341615") or ("4604170") or ("4865925")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 17:36
S4	1	S3 and (ohm or mho or ohms or mhos)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 17:24

EAST Search History

S5	222	(ohm or mho or ohms or mhos) adj (min or minute)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 11:07
S6	2	(ionic adj conductance adj rate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 17:25
S7	67	(conductance adj rate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 17:25
S8	139	("4255523" "4311567" "4433082" "4528083" "4698243" "5041195" "5133842" "5183713" "5190813" "5350643" "5547551" "5599614" "5635041").PN. or ("2393967" "2559752" "2593583" "2681319" "2827426" "2951818" "2965697" "20030113604" "3041317" "3214501" "3640829" "3679540" "3870593" "3953566" "3962153" "0037307" "0037656" "0037701" "4012303" "4065534" "4096222" "4096227" "4100238" "4110390" "4178218" "4186076" "4187390" "4197148" "4207163" "4207164" "4210510" "4224121" "4262041" "4267364" "4313832" "4429000" "4437951" "4469744" "4518650" "4539256" "4544458" "4568441" "4629563" "4664801" "4720400" "4726989" "4774039" "4804592" "4849311" "4863604" "4865930" "4931168" "4985296" "4990228" "4997567" "5066403" "5075006" "5082475" "5124018" "5154827" "5183713" "5186877" "5209850" "5234777" "5256503" "5275725" "5288384" "5322602" "5336384" "5356663" "5415888" "5422411" "5425865" "5447636" "5468574" "5472799" "5521023" "5523181" "5545475" "5547911" "5597659" "5766787" "5795668" "6254978").PN. or ("3497394" "4107005" "4515906" "4724157" "4731263" "4781767" "4835007" "4875908" "4895775" "5087767" "5094895" "5188890" "5228994" "5266421" "5336573" "5338412" "5438082" "5453333" "5531899" "5599638" "5602669" "5672438" "5874182" "5882723" "6130175" "6242135" "6635384").PN. or ("5147722").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 08:15

EAST Search History

S9	95	S8 and (ohm or mho or resistance or conductance or resistivity or conductivity)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 09:40
S10	1	("6254978").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 10:18
S11	4	((("4902308") or ("4515906") or ("5338412") or ("5087766"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/22 15:20
S12	195	(ohm or mho or ohms or mhos or seimen or seimens) near2 (min! or minute)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:50
S13	79	(ohm or mho or ohms or mhos or seimen or seimens) near (min! or minute)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:52
S14	40	(ohm or mho or ohms or mhos or seimen or seimens) adj (min! or minute)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:52

EAST Search History

S15	139	(4255523 4311567 4433082 4528083 4698243 5041195 5133842 5183713 5190813 5350643 5547551 5599614 5635041 ").PN. or (2393967 2559752 2593583 2681319 2827426 2951818 2965697 20030113604 3041317 3214501 3640829 3679540 3870593 3953566 3962153 0037307 0037656 0037701 4012303 4065534 4096222 4096227 4100238 4110390 4178218 4186076 4187390 4197148 4207163 4207164 4210510 4224121 4262041 4267364 4313832 4429000 4437951 4469744 4518650 4539256 4544458 4568441 4629563 4664801 4720400 4726989 4774039 4804592 4849311 4863604 4865930 4931168 4985296 4990228 4997567 5066403 5075006 5082475 5124018 5154827 5183713 5186877 5209850 5234777 5256503 5275725 5288384 5322602 5336384 5356663 5415888 5422411 5425865 5447636 5468574 5472799 5521023 5523181 5545475 5547911 5597659 5766787 5795668 ").PN. or (3497394 4107005 4515906 4724157 4731263 4781767 4835007 4875908 4895775 5087767 5094895 5188890 5228994 5266421 5336573 5338412 5438082 5453333 5531899 5599638 5602669 5672438 5874182 5882723 6130175 6242135 6635384 ").PN. or (5147722 ").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 14:32
S16	11	S15 and "perfluorinated sulfonic"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 13:51
S17	1	("3593566").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/24 14:32
S18	1	("3953566").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/24 16:02

EAST Search History

S19	734	("sulfonic acid" same ion adj exchange) and (PTFE or polytetrafluorethylene)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 09:22
S20	475	("sulfonic acid" same ion adj exchange) and (PTFE or polytetrafluorethylene) and "fuel cell"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 09:22
S21	125	("sulfonic acid" same ion adj exchange) and (PTFE or polytetrafluorethylene) and ("1980" or "1981" or "1982" or "1983" or "1984" or "1985" or "1986" or "1987" or "1988" or "1989" or "1990" or "1991" or "1992" or "1993" or "1994").py.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 09:25
S22	136	("sulfonic acid" same ion adj exchange) and (PTFE or polytetrafluorethylene) and @PY<"1995"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 13:29
S23	2550	impregnat\$3 with ("major surface" or "both sides")	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 13:29
S25	2	impregnat\$3 with ("major surface" or "both sides") and @py<"1995" and "ion exchange resin"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 13:31
S26	861	impregnat\$3 with ("major surface" or "both sides") and @py<"1995" and resin	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 13:31
S27	351	resin with impregnat\$3 with ("major surface" or "both sides") and @py<"1995"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 13:44

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S29	59	S28 and impregnat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 13:38
S30	242681	impregnat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 13:39
S31	6	S28 and S30 with "both sides"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 13:39

EAST Search History

S32	1204	resin with impregnat\$3 with (immersed or bath) and @py<"1995"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 13:44
S33	2	ion with exchange with resin with impregnat\$3 with (immersed or bath) and @py<"1995"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 13:44
S34	20	ion with exchange with resin same impregnat\$3 with (immersed or bath) and @py<"1995"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 14:10
S35	6	nafion with surfactant same impregnat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 14:13
S36	21	nafion with surfactant	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 14:37
S37	52	nafion same surfactant	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 14:37
S38	1	("6254978").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/22 15:20